

Buy Green, Save Green

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Green Product Costs in General

- Cheaper: traffic safety equipment, toner cartridges
- Same: janitorial paper, computers, cleaning products, ink
- Good payback: vehicles, appliances
- Somewhat volatile: copy paper, oil (within 10%)

From New York State presentation on Advancing Green Chemistry in Government Procurement (Responsible Purchasing Network)

Green Products

- Are price neutral.
- Offer energy and water savings.
- Reduce maintenance costs.
- Offer greater durability and lower replacement costs.
- Eliminate or reduce solid waste haulage fees.
- Lower hazardous materials management and reporting costs.
- Reduce injuries and health hazard management costs.
- Reduce purchases overall – rechargeable batteries.

Federal Purchasing Driving Costs Down

GSA: Strategically Sustainable

GSA will eliminate its impact on the natural environment and use its government-wide influence to reduce the environmental impact of the federal government. – GSA Sustainability Plan

The agency unveils ambitious plan to reduce the environmental impact of the federal government and work to eliminate its own carbon footprint. [Read the plan](#)



SUSTAINABLE SOLUTIONS

Opportunities for change available now:

- ▶ Business Solutions for Sustainable Acquisition
- ▶ Facilities and Operations
- ▶ Leasing Best Practices
- ▶ Green Construction
- ▶ Virtual Workplace
- ▶ Recycling and Property Disposal



A PROVING GROUND FOR INNOVATION

Learn how GSA is developing and evaluating green technologies and practices:

- ▶ Electronics Stewardship
- ▶ Carbon Footprint Calculator
- ▶ Innovative Building Technologies
- ▶ Greening the Supply Chain
- ▶ Electric Vehicle Pilot Program
- ▶ Investing in Clean Energy Economy



FULFILLING THE PROMISE

Leadership by example: GSA initiatives are catalysts for change:

News

- GSA Tests Innovative Building Technologies, Aims for Savings - Sep 26, 2012
- Web Tool for Planning Green Projects - July 11, 2012
- GSA to Increase Energy Efficiency and Reduce Costs in Federal Buildings

NEW Website



Green Purchasing

**BUY GREEN,
SAVE GREEN**

- Products
- Who is Buying Green?
- Who Certifies Green?
- Laws & Directives
- What Resources are Available?
- Webinars and Events
- Subscribe to Listserv

[Waste 2 Resources](#) > EPP - Buy Green, Save Green

Buy Green, Save Green

Buying green helps state agencies and local government. This website provides many examples of greener products and services.

Green purchasing (EPP), also known as environmental purchasing, is the process of buying goods and services that cause less harm to humans and the environment. This comparison may consider raw materials acquisition, production, maintenance or disposal of the product or service.

Many green products cost the same or less than conventional products.

Green products can help your agency save money.

Cleaning Chemicals - Price Neutral



- Reduce the number of cleaning chemicals being used.
- Frequently use a dilution control system which reduces costly overuse of chemicals.
- Reduce hazardous waste management costs.
- Increase lifespan of facilities.
- May reduce water bills.
- Microfiber mops cost more initially but reduce janitorial staff injuries.
- Reduce splash and exposure injuries.
- Reduce absenteeism due to indoor air quality issues.

Reuse and Surplus Programs

- Eliminates the cost of and shipping fees for new products.
- Reduces staff time to process purchase orders.
- Reduces waste that is sent to landfills and cost of trash haulage.
- Reduces the costs and waste of new product packaging.
- Reduces toxics and GHG emissions associated with the lifecycle of new products.



100% Recycled Content Paper

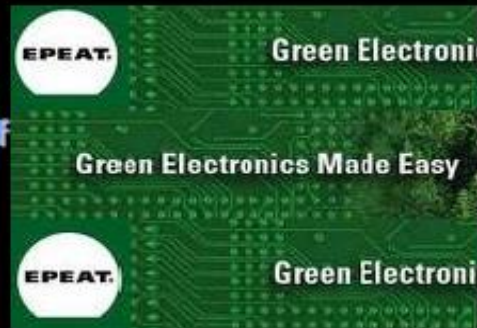
72.5 TONS of copy paper

- 32% virgin, 23% 30 percent recycled content)
- If reduce paper use by 2.5%, can offset the cost of purchasing 100% recycled content

Computers

Green Computer Aggregate Buy

- FY 08-09 met highest environmental standard in the country (EPEAT Gold +7)
- Savings have steadily increased each year: \$130 million saved off contract price FY 08-09
- Will save \$16 million in energy use over life of computers
- Avoided 5 million lbs of solid waste
- Reduced toxic chemical use by 30,852 lbs



Server Virtualization

- Ecology estimates saving \$1.2 million over five years
 - Reduced # of physical servers from 115 to 38
 - Cost avoidance in server purchases, software licenses and power and cooling costs

Estimated GHG Reduction – 425 (MTCO₂e)

Green Purchasing Listserv

Logged in as: [tisi461@ecy.wa.gov](#) (Owner)



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ECOLOGY-GREEN-PURCHASING Home Page

ECOLOGY-GREEN-PURCHASING@LISTSERV.WA.GOV

Latest Messages

RPN Webinar on Public Procurement of Energy-Efficient Products	Tina Simcich < tisi461@ECY.WA.GOV >	Fri, 8 Feb 2013 16:36:40 -0800
3 Question Survey on EPP Specifications	Tina Simcich < tisi461@ECY.WA.GOV >	Mon, 4 Feb 2013 11:54:31 -0800
Government Procurement and Alternatives Assessment Webinar	Tina Simcich < tisi461@ECY.WA.GOV >	Mon, 10 Dec 2012 15:11:31 -0800

ECOLOGY-GREEN-PURCHASING

How to Purchase Green Products and Services

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What's Coming Up

- Ongoing NASPO/RPN Opportunity Assessment papers (7-10)
- EPP Reporting
- Continue technical assistance to local governments and state agencies
 - Contact Tina Simcich at 360 407-7507